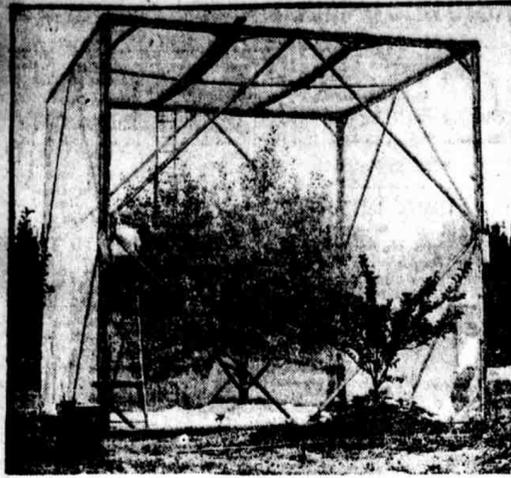


**FIGHTING THE JAPANESE BEETLE**



**WAR UPON BEETLES TO SAVE FRUIT CROP**

Quarantine Established in Jersey and Pennsylvania to Limit Insect's Ravages  
USE PARASITES FROM JAPAN

From early morning until late at night the Japanese beetle, the pest which has invaded Pennsylvania as well as New Jersey, is being pursued. In all kinds of weather, during every season, the fight between the brilliant-colored little bug and his enemies continues, and until recently it seemed that the bug would win, for he had increased the area of his sway from 100 to 270 square miles in five years.

Many methods of warfare have been tried and abandoned, but to F. H. Hadley belongs the credit for establishing a quarantine that has limited the beetle to the territory of its present depredation.

Were you a truck driver attempting to cross the ferry from New Jersey with plants or plant products which were grown in the area infested by beetles, you would be stopped by a man—one of eight—employed as an inspector by the Federal and State Departments of Agriculture.

He would demand to be shown your permit. And if you did not have it, he would mean a trip back to the farm from which you started and a delay there until you obtained a permit.

**Must Notify Uncle Sam**

Twenty-four hours' notice must be given to the Department of Agriculture, which has a station at Riverport, N. J., where Mr. Hadley is in charge, before any produce is taken out of the infested area. It can only be removed after examination by inspectors, who testify that the produce is free from beetles.

In the heavily infested areas corn, grapes, lettuce, cabbage, foreign crops of all kinds, including hay and alfalfa, must be examined, as well as nursery, ornamental and greenhouse stock and all other plants except bulbs and cut flowers and soil, compost and manure.

In the lightly infested areas the examination is of nursery, ornamental and greenhouse stock, all other plants except bulbs and cut flowers and soil, compost and manure other than fresh manure.

This year is the first that the beetles have done any serious damage to the fruit itself. In 1921 the damage was only to the leaves. In 1922 slight damage to the fruit has been considerable. If the pest's destruction increases in the same ratio in one or two more seasons 50 to 80 per cent of the fruit itself will be destroyed.

Some of the orchards in New Jersey are topped with brown, where the insect has done its work; others are completely ruined with almost every leaf dead and laced with innumerable patterns designed by the hungry beetles. If they are disturbed they fly up in dense clouds casting a distinct shadow on the ground and making a low angry hum, as if a beehive has suddenly been upset.

According to Mr. Hadley, the primary object is not now to exterminate the bugs, but to devise a means of preventing injury on the farms. He thinks it will soon be an individual farm problem as any other fruit destroyer will appear, from 100 to 1,000,000 Japanese beetles will appear, because there are no native natural enemies of the beetle.

**Parasites Brought From Japan**

A shipment of 100,000 parasites from Japan has been received by the quarantine station at Riverport, N. J., and many of them have been released in favorable areas after a period of keeping at the station. However, it will take at least a year to discover if the parasites have succeeded in checking the work of the beetles. In Japan they do, but in this country, because of the insect's accustomed thence to climatic conditions, and in many cases the parasites have not been strong enough to survive the winters as the beetles have.

The parasite is only one of four methods now used by the Department of Agriculture. The other three are the quarantine work, investigational work, and research work to find an effective insecticide. This involves a study of the life history and habits of the beetle under conditions in this country.

Under the investigation comes spraying. There are various sized machines for this. In one experiment a wire box is put over an entire tree, men are stationed in the tree and after the spraying is done they count the beetles which are killed by the spray and in this way can see if any actual benefit is derived from the treatment. This is done in various plants in all conditions of weather and the results averaged. In some cases 60 per cent have been killed.

The problem involved in the spray is to find a solution which may be modified or intensified from standard material and so manufactured cheap enough for common use. A solution of arsenic of lead is being used at present.

Two hundred and fourteen of the infested square miles are in New Jersey in Burlington, Camden and Gloucester Counties. The remaining fifty-one are in Pennsylvania in Bucks and Philadelphia Counties.

**Seek for Mother of Two**

Police are searching for Emma L. Nagel, twenty-two years old, wife of John Horace Nagel, of 2065 East Williams street, who disappeared June 14, leaving two children, one fifteen months and the other two years old.

**CRUISES FOR RESERVISTS**

**Chance for Vacation Trips for Naval Men With Pay**

Announcement is made at headquarters of the Fourth Naval District at the Philadelphia Navy Yard that naval reservists of Philadelphia and vicinity are eligible for participation in a fifteen-day cruise with pay on any one of three trips to be made during the summer.

Eagle Boat 52, assigned the reservists for training in this district, is being conditioned now and will leave the Navy Yard Saturday on the first trip, which will last until July 29. The second cruise will be August 5 to 19, and the third cruise September 2 to 16.

A considerable number of men who

have been newly enrolled in the First Battalion Naval Reserve Force within the last few weeks will be taken on the cruises and will receive their allowances for uniforms as well as the pay of their ratings and subsistence. Opportunities for enrollment at the headquarters, 237 South Thirteenth street, are still available, and a number of new men are to be inducted into the service tomorrow night.

**41,000 SHOPMEN WORKING ON PENNSYLVANIA SYSTEM**

**Net Gain of 4100 Men Reported Above Last Week**

A survey of every division of the Pennsylvania system yesterday, according to a statement issued by the company, showed that more than 41,000 shopmen were working out of an average week-day force reported in normal times, of approximately 55,000. As compared with last week, these figures show a net gain of more than 4,100 men working in the maintenance-of-equipment department.

Throughout the strike period there have been no cases of violence on the Pennsylvania Railroad, with the exception of one or two instances of stone throwing; neither has there at any time been any interruption of train service, either passenger or freight, the statement says. No shops or engine-houses have been closed down anywhere on the system since the strike began.

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Tea-totally Different

**WOMEN DEMOCRATS MEET**

Residents of the Twenty-ninth Ward Organize for Campaign

Democratic women in the Twenty-ninth Ward were organized at a meeting last night in Totter's Hall, Twenty-sixth street and Columbia avenue, and officers elected.

After her election as temporary

president, Mrs. Marie O'Connell, a member of the State Committee for the Seventh Senatorial District, delivered an address on "The Principles of the Democratic Party."

Other officers elected included Miss Nellie Kernan, chairman; Miss Elizabeth Truckee and Miss Sarah Jack, vice chairmen; Miss Mildred McCreighton, secretary; Miss Katherine Murtha, assistant secretary, and Miss Mary Adams, treasurer.

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Coming at the crest of the Summer Season, this sale offers fashionable and seasonable apparel when most in demand — White is especially featured

- Womens' Summer Sweaters**  
July Clearance Prices 5.10 to 18.00
- A comprehensive selection of Slipovers and Tuxedos of Alpaca, Mohair, Camel Hair. Also Imported Hand-made Shetland Slipovers.
- Womens' Sport Costumes**  
July Clearance Prices 15.00 16.90
- Typical two-piece outdoor frocks of Mohair or "Tweed-Knit" in French blue, rose, wisteria or jade, buff and navy.
- Womens' Swimming Suits**  
July Clearance Prices 5.45 6.75
- Of the finest pure virgin wool in one-piece models with attached tights. In navy, black, tan or heather mixtures.
- Fringed Scarf Skirts**  
July Clearance Prices 6.00 7.90
- Made of imported English scarfs in "wrap-around" and tailored model. In jacquard design and delightful color tones.
- Men's Golf Sweaters**  
July Clearance Prices 9.00 to 14.25
- Imported sweaters of brushed or unbrushed pure camel hair in the natural tan; also of pure wool in solid colors or heather mixtures with collar or "V" neck.
- Men's Swimming Suits**  
July Clearance Prices 3.20 to 5.45
- One and two piece suits of pure virgin wool in black, navy and heather. Also white shirts and navy or black trunks.
- Boston San Francisco New York Chicago

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Pretty Gingham and Voiles; also Ratine and Linen in Slip-on Styles.

All sizes in the assortment from 36 to 44. Every Dress a Special Value.

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White Batiste Slips lined to make them shadow proof, hemstitched top and straps, several lengths ..... \$1.50

White Charmeuse Slips with top and straps edged with filet—the biggest seller we have because it is so dainty, so cool and absolutely shadow proof; several lengths ..... \$2.95

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